Network Control Center

STDN DAILY REPORT
FOR GMT DAYS
06,07, 08 AND 09
DECEMBER 2001

Part I. Operations

06 DEC.

A SN Anomalies

1. STGT/XTE Support 6/0105-0109Z

XTE POCC experienced a late acquisition, reason unknown. TTR # 24127

TDE 0105-0122Z 3 Mins. 9 Secs Svc/Data Loss Recoverable

2. WSGT/TOPEX Support 6/0940-0950Z

This support was scheduled for a High Gain Antenna vice an OMNI Antenna. This a POCC scheduling error. TTR # 24129

B. ISS Anomalies - None.

C. GN Anomalies:

1. AGS/TRACE Support 6/0235-0244Z

No commands were received for this support, reason unknown. CDS ID# 30035

TOTS-1 9 Minutes Service Loss

2. WGS/TRACE Support 6/1017-1027Z

Unable to get command socket connection despite numerous attempts. Suspect problem at POCC. CDS ID# 30034

TOTS-3 10 Minutes Service Loss

07 DEC.

A.SN Anomalies - None.

B. ISS Anomalies - None.

C. GN Anomalies:

1. MGS/FAST Support 7/1621-1624Z

During this support the antenna dropped due to local RFI Source. CDS ID# 30037

10 M 1613-1626Z 1 Min. 54 Secs. Svc/Data Loss Recoverable

2. MGS/RADARSAT Support 7/1910-1922Z

Antenna halted prior to AOS causing a late acquisition. This was caused by the SCC/ACU software crash. CDS ID# 30038

10 M 1913-1928Z 2 Mins. 48 Secs Svc/Data Loss Non-Recov

3. SGS/EO-1 Support 7/1116-1131Z

Unable to command during the support due to ice on the command antenna. CDS ID#30039

11 M 13 Mins. 52 Secs. Service Loss

4. AGS/JASON-1 Support 7/1640-1649Z

After acquisition the operator observed that the but synchronizer #1 FEC was not locked. The CF1 synch status was in search mode as well. After evaluating the problem the operator contacted the JASON POC (JPL) and requested permission to change the bit synch polarity from normal to inverted. Permission was granted and the polarity was changed at 16:48:08. CF1 synchronization was achieved at 16:48:11. No data loss was declared. CDS ID# 30040

LEO-T 164035-165755Z 7 Mins. 36 Secs. Service Loss

5. SGS/EO-1 Support 7/2253-2254Z

Antenna lost autotrack and had to be force manually into program track. CDS ID# 30041

11 M 224407-225614Z 40 Seconds Svc/Data Loss Recov

D. DELTA 2 JASON/TIMED Lift-off time was 341/1507:35.560z from VAFB. JASON s/c separation occurred at 341/1602:58z. Because of the anomaly with NUKU HIVA, TIMED s/c separation was approximated at 341/1712z with good separation confirmed via TDRS.

08 DEC.

A. SN Anomalies

1. STGT/TIMED Support 8/0730-0754Z

This event was inadvertently scheduled on the WDISC at WSGT vice STGT. No data loss was declared. NASA Mission Manager advised that all TIMED contingency supports were on a best effort basis. TTR # 24130

0737-0807Z 16 Mins. 45 Secs. Service Loss

2. WSGT/TIMED Support 8/1251-1308Z

This event was inadvertently scheduled on the wrong PTP board at WSGT. The Configuration codes were incorrect. No data loss was declared. NASA Mission Manager advised that all TIMED contingency supports were on a best effort basis. TTR # 24131

1251-1343Z 16 Mins. 25 Secs. Service Loss

3. STGT/TIMED Support 8/1837-2127Z

AT AOS, the SHO faulted both prime and HSM MDP's on SGLT-3 and SGLT-2. A failover back to PTP-1 Board –3 corrected the problem. Only the forward was affected and POCC declared service loss only. TTR # 24133 DR# 43807

171 SSA2 F 1837-1916Z 39 Mins Svc loss
TDS SSA2 F 1917-2004Z 47 Mins Svc Loss
TDS SSA1 F 2057-2127Z 30 Mins Svc Loss

4. STGT/TERRA Support 8/2054-2057Z

TDRS-7 (171) command/ telemetry interruption reason unknown this anomaly is under investigation. No data loss declared by POCC. TTR # 24132 DR # 43797

171 SSA1-R 2055-2117Z 2 Mins 31 Secs Svc Loss

B. ISS Anomalies - None.

C. GN Anomalies - None.

09 DEC.

A. SN Anomalies - None.

B. ISS Anomalies.

1. STGT/ISS Support 09/1122-1355Z

After AOS tape change the record function was not activated on the ISS recording . Data received in real time. TTR #24134

TDW KSAR-1 1122-1138Z 15 Mins 3 Secs Svc Loss
TDS KSAR-2 1205-1241Z 35 Mins 34 Secs Svc Loss
TDW KSAR-2 1300-1341Z 40 Mins 44 Secs Svc Loss
TDS KSAR-1 1341-1355Z 13 Mins 19Secs Svc Loss

C.GN Anomalies.

1. SGS/QUIKSCAT Support 09/2054-2109Z

Problem with the Microdyne tracking combiner, unable to steady lock . Performed a manual sweep with no success. CDS ID# 30045.

11 Meter 15 Mins Svc/Data Loss Non-Recoverable

2. AGS/JASON Support 09/0753-0800Z

The LEO-T system shut down as if it had completed the scheduled support. Reason unknown. CDS ID # 30042

LEO-T 0741-0800Z 6 Mins 23 Secs Svc/Data Loss Recov Unknown.

3. AGS/JASON Support 09/1133-1152Z

The receivers were checked and the Microdyne 1620 combiner was discovered to not have been set up by the computer. The entire system was shut down to free the telemetry sockets for Wallops connections. CDS ID # 30043

LEO-T 19 Mins 16 Secs Svc/Data Loss Recov Unknown

4. SGS/EO-1 Support 09/1234-1400Z

The SCC didn't respond to any commands, the schedule was not transferred from Master and the operator was unable to schedule the support manually. The operator restarted the SCC to version 4.3 and was able to control the SCC.
CDS ID # 30044

11 Meter 1242-1256Z 56 Mins Svc/Data Loss Recoverable

D. **FUSE** has declared a Spacecraft Emergency as of 10/0651Z. The Fuse Spacecraft has entered a Safe Mode.

Part II. NCCDS Anomalies (OE Report) - None.

Part III. Scheduled Activities - None.

Part IV Forecast Changes - None.